IN THE CLAIMS:

1.   A method in a data processing system for processing a JAVASERVER page, the method comprising:

        translating the JAVASERVER page into a document object model object, the document object model object including a set of nodes;

        configuring a set of visitor classes for invocation in a selected sequence;

        processing the document object model using the set of visitor classes in the selected sequence to perform a desired set of custom functions on the document object model, wherein the processing step includes invoking methods in the set of visitor classes on each node in the set of nodes in the selected sequence; and

        storing results, as processing the document object model object occurs, by selected method in the methods, in a hash map, wherein the results in the hash map are used by subsequently invoked methods, wherein the subsequently invoked ~~method does~~ methods do not convert the results into a second document object model object.

2.   The method of claim 1 further comprising:

        validating syntax in the JAVASERVER page.

3.   The method of claim 1, wherein the set of visitor classes for invocation in the selected sequence is defined in a configuration file.

4.   The method of claim 3, wherein the configuration file is an extensible markup language file.

5.   The method of claim 3, wherein the selected sequence is defined in the configuration file.

6-7.   Canceled

8.   The method of claim 1, wherein the JAVASERVER page is translated into a document object model object using a document object model generator.

9.   The method of claim 2, wherein the JAVASERVER page is validated using a JAVASERVER page translator.

10.   The method of claim 9, wherein the JAVASERVER page translator invokes a visitor class to validate elements in the document object model object against a syntax for a JAVASERVER page specification.

11.   The method of claim 1 wherein results from processing using a first visitor class in the set of visitor classes are passed to a second visitor class in the set of visitor classes.

12-34. Canceled